

Rec'd PCT/P 23 AUG 2001

09/856683

HJF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

:

VINING et al.

:

: Examiner:

Application No. 09/856,683

:

: Group Art Unit:

Filed: May 23, 2001

:

For: Virtual Endoscopy with
Improved Image Segmentation
and Lesion Detection

:

:

:

Certificate of Mailing Under 37 CFR §1.8(a)

I hereby certify that this correspondence is
being deposited on August 21, 2001 with the United States
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PAIGE R. ZEITZ

INFORMATION DISCLOSURE STATEMENT

As a means of complying with the duty of
disclosure set forth in 37 C.F.R. §1.56, it is
respectfully requested that the references listed on the
attached PTO Form 1449 be considered by the patent
Examiner and be made of record in the above-identified
application. We are providing full text copies of the
documents listed on the attached PTO Form 1449.

This submission is believed to be in compliance
with the requirements of 37 C.F.R. §1.97 and §1.98. No
action has been received in the present application.
Thus, it is believed by the undersigned attorney that no
fee is required under 37 C.F.R. §1.97(b).

In the event that a fee is required and is not
enclosed, or the check is improper, or the fee calculation
is in error, the Commissioner is authorized to charge any
underpayment or credit any overpayment to Deposit Account

No. 04-1406 of the undersigned attorneys. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation
Attorney for Applicant(s)

By _____
DONALD R. PIPER, JR., ESQ.
PTO Registration No. 29,337

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Facsimile: 215/563-4044

Enclosures: PTO Form 1449
Cited References

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPL. NO. 09/856,683

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)

(Use several sheets if necessary)

APPLICANT
Vining et al.FILING DATE
May 23, 2001

GROUP

U.S. PATENT DOCUMENTS

Examiner Initial		DOCUMENT NUMBER						DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
		4	3	6	7	2	1	6	1/1983	Mutzel et al.		
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		4	7	1	0	8	7	6	12/1987	Cline et al.		
		4	7	1	9	5	8	5	1/1988	Cline et al.		
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		4	8	2	3	1	2	9	4/1989	Nelson		
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
?		9	1	1	4	3	9	7	10/1991	WIPO		
?		9	4	2	4	6	4	0	10/1994	WIPO		
?		0	2	3	1	9	5	0	8/1987	European Patent Office		
?		0	5	1	4	5	8	7	11/1992	European Patent Office		
?		2	2	6	5	7	7	5	10/1993	United Kingdom		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		T.L. Schulley, et al. "A High Resolution Nonlinearity Correcting A/D Converter Architecture," 3-6 Jun. 1993, pp. 1212-1215, 1993 IEEE International Symposium on Circuits and Systems.
		Vining, D.J., Padhani, A.R., Wood, S., Zerhouni, E.A., Fishman, E.K., and Kuhlman, J.E., "Virtual Bronchoscopy: A New Perspective for Viewing the Tracheobronchial Tree." Radiology. Nov. 1993, vol. 189 (P).
		Watt, Alan. "3D Computer Graphics." 2nd Edition, Addison-Wesley Pub. Co., 1993, pp. 320-323.
		Strong et al., "Applications of Three-Dimensional Display Techniques in Medical Imaging," J. Biomed. Eng. 1990, vol. 12. May, pp. 233-238.

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	PPPL. NO. 09/856,683
INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)		APPLICANT Vining et al.	
(Use several sheets if necessary)		FILING DATE May 23, 2001	GROUP

U. S. PATENT DOCUMENTS

Examiner Initial		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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		5	1	6	6	8	7	6	11/1992	Cline et al.			
		5	1	7	0	3	4	7	12/1992	Tuy et al.			
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		DOCUMENT NUMBER 1377							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
		9	5	2	0	2	7	0	7/1987	WIPO			
		9	6	1	3	2	0	7	5/1996	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		•	Oikarinen et al., "Rendering System for Tomographic Images" 0-7803-1377-1/93 IEEE.
		•	General Electric Medical Systems, "3D Navigator for CT or MR Advanced Visualization Software", 1996.
		•	General Electric Medical Systems, "K1031L/LA/N/NA AdvantageTM Workstation 3.1" Product Data 1-98 Page 1-7.
		-	Picker International VoyagerTM Product Data, "VoyagerTM Visualization Tools for the Q-series Scanner", 1997.

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		5	2	2	9	9	3	5	7/1993	Yamagishi et al.			
		5	2	4	5	5	3	8	9-14-93	Lis			
		5	2	6	1	4	0	4	11-16-93	Mick et al.			
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		5	2	9	9	2	8	8	3-29-94	Glassman et al.			
		5	3	4	5	4	9	0	9-6-94	Finnigan et al.			
		5	3	6	5	9	2	7	11-22-94	Roemer et al.			
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		4	2	4	3	6	5	2	1/1981	Francis			

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		4	9	9	3	4	1	5	2/1991	Long			
		5	0	0	6	1	0	9	4/1991	Douglas et al.			
		5	0	2	3	0	7	2	6/1991	Cheng			
		5	0	3	8	3	0	2	8/1991	Kaufman			
		5	3	2	2	0	7	0	6/1994	Goodman et al.			
		5	6	1	1	0	2	5	3/1997	Lorensen et al.			
		5	6	2	3	5	8	6	4/1997	Hohne			
		5	6	3	0	0	3	4	5/1997	Oikawa et al.			
		5	9	7	1	7	6	7	10/1999	Kaufman et al.			

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